

Converting Colors

Hex(1F7658)

Have a look what the booklet for
Hex(1F7658) contains.

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Color

Hex(1F7658)

Conversions

Conversions Part 1

Format	Color
Hex	1F7658
RGB	31, 118, 88
RGB Percent	12%, 46%, 35%
CMY	0.8784, 0.5373, 0.6549
CMYK	0.74, 0.00, 0.25, 0.54
HSL	159°, 58%, 29%
HSV	159°, 74%, 46%
XYZ	8.8050, 13.9528, 11.4616
YIQ	88.5670, -42.2220, -27.7740

Conversions

Conversions Part 2

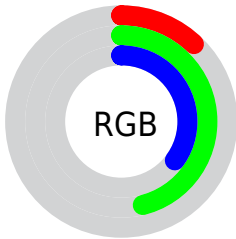
Format	Color
R_{YB}	31, 84, 118
Decimal	2061912
CIE Lab	44.17, -33.09, 9.30
CIE LCh	44, 34.376, 164.304
Yxy	13.9528, 0.2573, 0.4077
Android (android.graphics.Color)	4280251992 (0xFF1F7658)
YUV	88.5670, -0.2795, -50.4863
Hunter-Lab	37.3534, -23.2923, 7.9547

Details

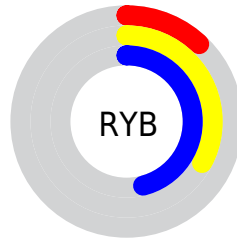
The Hex color **1F7658** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **761F3D**, and the grayscale version is **595959**.

A 20% lighter version of the original color is **59AB8A**, and **00452B** is the 20% darker color. If you saturate the color by 10%, you get **137654**, and if you desaturate by 10%, it is **2B765C**.

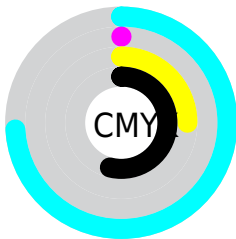
Distribution



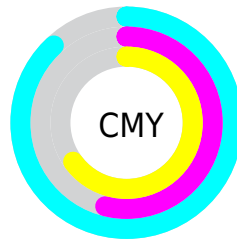
- Red (12%)
- Green (46%)
- Blue (35%)



- Red (12%)
- Yellow (33%)
- Blue (46%)



- Cyan (74%)
- Magenta (0%)
- Yellow (25%)
- Black (54%)




- Cyan (88%)
- Magenta (54%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1F7658 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 1F7658 by changing the saturation by 10% instead.

 1F7658

 1F7658

FFFFFF

 005D41

 59AB8A

 00452B

 74C6A4

 002E16

 8FE3BF

 001700

 ABFFDB


 000000

 C7FFF8

 E4FFFF

 1F7658

 1F7658

 137654

 2B765C

■ 077650

■ 377660

■ 00764D

■ 427664

■ 4E7668

■ 5A766C

■ 667670

■ 727674

■ 7D7679

■ 89767D

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



4C723E



1F7658



007776

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



1F7658



5267A0



985742

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



1F7658



761F3D

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



9F515C



1F7658



7C5C91

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



1F7658



00709F



965379



866231

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



1F7658



007688



965379



9C544A

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



1F7658



77998D



3D761F



394D46



CCCCCC



4D4D4D

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



1F7658



12996B



1F6976



353B39



007A50



00FAA4

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



761F3D



991241



762C1F



3B3537



7A002A



FA0056

Previews

White Background



This preview shows how the Hex color 1F7658 looks on a white background.

Color Contrast Check

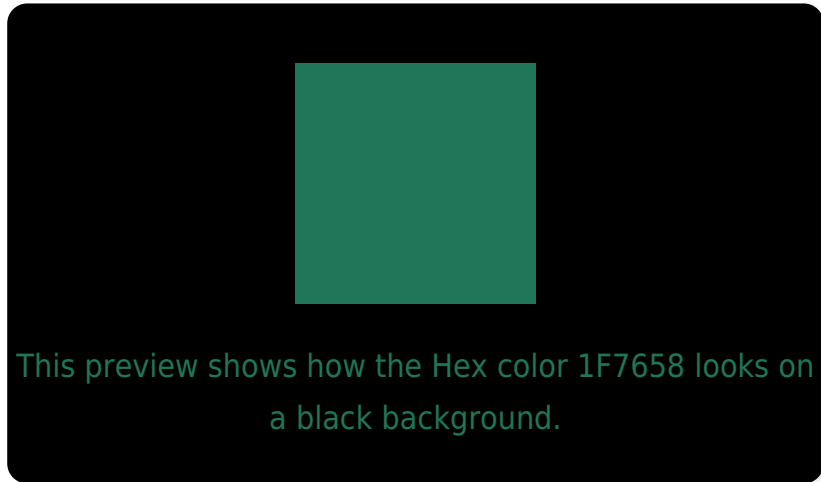
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

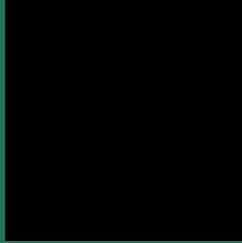
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 1F7658 Background



This preview shows how black text looks on a background with the Hex color 1F7658.



This preview shows how white text looks on a background with the Hex color 1F7658.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color
1F7658

Protanopia
6F6851

Deuteranopia
76645C



Tritanopia
30717B

Trichromacy



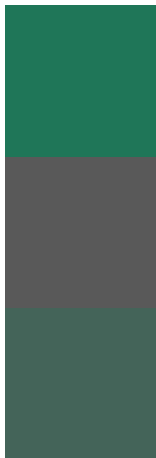
Original Color
1F7658

Protanomaly
526D54

Deuteranomaly
566B5B

Tritanomaly
2A736E

Monochromacy



Original Color
1F7658

Achromatopsia
595959

Achromatomaly
446459

CSS Examples

Text

The CSS property to change the color of the text to Hex 1F7658 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #1F7658 looks like.

```
.text, #text, p{  
    color:#1F7658  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #1F7658 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1F7658
}
```

Border

The CSS property to change the border of an element to Hex 1F7658 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#1F7658 }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#1F7658 }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #1F7658 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1F7658; -webkit-box-shadow:4px 4px  
4px 4px #1F7658; box-shadow:4px 4px 4px  
4px #1F7658 }
```

Background

The CSS property to change the background color of an element to Hex 1F7658 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1F7658 }
```

If only the background color should be changed can be used:

```
.background{ background-color:#1F7658 }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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